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MEMORANDUM TO THE FILE

FROM : [REDACTED]
SUBJECT: Report on TDY Trip to [REDACTED]
Mamaroneck, New York

1. A visit was made to the [REDACTED] on 10 April 1959 by [REDACTED] to discuss the following:

- a) The possibility of adapting the [REDACTED] RF patch panel to receive RG-17/U and 7/8 inch Spir-o-line type cable, and at the same time avoid the use of the more expensive quick disconnect type connector at the rear of the patch panel.
- b) Inquire as to whether [REDACTED] had worked the passive matching transformer of the VRA-2 into an antenna other than an 18 ft. vertical.
- c) Changes in the ATS-50 antenna tuning system.

2. Company officials contacted were:

- [REDACTED] - Sales Engineer
[REDACTED] - Executive Vice President

3. After a lengthy discussion with [REDACTED] it was determined that the standard [REDACTED] quick disconnect feedthrough could be modified to accept an LC screw-on type connector at the rear of the patch panel. The receptacle would be the equivalent of the UG-352/U to which both the RG-17/U and 7/8" Spir-o-line are easily adaptable. [REDACTED] stated that the modification would be quite simple, and that there are no foreseeable problems.

4. [REDACTED] stated that [REDACTED] had not used the VRA-2 in conjunction with anything other than an 18 ft. vertical, however, [REDACTED] stated that the Navy had worked the VRA-2 into an unknown type antenna that was not a vertical.

5. Changes that have been made in the ATS-50 are as follows:

- a) A protective circuit which can be pre-set has been added, so that if any given VSWR is exceeded the contacts on a relay, which if coupled into the interlock circuit, will close, automatically turning off the transmitter.

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25X1A5

- b) The variable end of the output tuning coil has been shortened to prevent flashover.

[REDACTED]

25X1A9

Distribution:

- Original - Project File
- 1 - Memo to the File Folder
- 2 - Monthly Report ✓
- 1 - SDS Chrono
- 1 - Extra

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